

APRIL 9 7:30 a.m. Golf Tournament
10:00 am Registration in Exhibit Room

Time	Room A: Keynote Speaker		
1:30 pm	Dr. Paul Simon, Professor, Southern Illinois University at Carbondale		
3:00 pm	Coffee Break in Exhibit Room <i>co-sponsored by Stevens Water Monitoring and Barge Waggoner Sumner & Cannon</i>		
3:30 pm	Session 1A (Room A)	Session 1B (Room B)	Session 1C (Room C)
	Water Supply and Policy Moderator: David Norwood, BWSC	Urban Watershed Moderator: Tom Lawrence, City of Memphis	Flood Frequency Moderator: Robert Hunt, USACE
	Regional Water Systems in General-- Water Authority of Dickson County Specifically. <i>D.E. Lunn</i>	Franklin Tennessee Urban Stormwater Program. <i>D. Green</i>	Automation for Field Data Collection. <i>S. Noe</i>
4:00 pm	Wayne, Lewis, and Lawrence Counties, TN--Regional Water Supply Study " A Regional Approach to Rural Water Supply". <i>C. Popplewell</i>	Sometimes it Takes More Than a Village: The Continuing Restoration and Reclamation of Citico Creek. <i>D. Fritz</i>	Flood Frequency of Unregulated Streams of Tennessee, 2000. <i>G. Law</i>
4:30 pm	Using Geographic Information Systems to Support Water Supply Policy Development. <i>E. Heinrich</i>	A Better Approach to Storm Water Management by Maintaining Surface- and Ground-Water Interaction. <i>M. Lighthiser</i>	Evaluating Potential Changes in Regulated Flow Frequency in the Tennessee Valley. <i>M. Eiffe</i>
5:00 pm	Tennessee's Water Supply Agenda-- Under New Management. <i>D. Galbreath</i>	No session	No session
6-8 pm	Dinner at Group Camp 1 with Live Entertainment		

APRIL 10 7:00 am Fun Run starts outside Mezzanine *sponsored by P.E. LaMoreaux & Associates, Inc.*
7:30 am Coffee and biscuits in Exhibit Room *sponsored by the Ground Water Institute, The University of Memphis*
8:00 am Registration in Exhibit Room

Time	Session 2A (Room A)	Session 2B (Room B)	Session 2C (Room C)
8:30 am	Water Supply and Policy (cont.) Moderator: David Feldman, UT	Urban Watershed (cont.) Moderator: Doug Fritz, City of Chattanooga	Ground Water Moderator: Jack Carmichael, USGS
	Re-Evaluating the Adequacy of Water Supplies in the Duck River. <i>B. McCrodden</i>	Web Enabled Water Management Program Designed for Water Quality and Quantity Issues. <i>V. Young</i>	Ground-Water Quality at Germantown. <i>M. Bradley</i>
9:00 am	Lower Mississippi River Resource Assessment. <i>C. Sundeen</i>	Testing the Chemical Perturbation Index in a Mixed Land-Use Knoxville Stream. <i>B. Jolly</i>	Water Quality of Shallow Ground Water in the Memphis Area. <i>J. Kingsbury</i>
9:30 am	Concepts for National Assessment of Water Availability and Use with Implications for Tennessee. <i>S. Gain</i>	Getting to the Source: Microbial Source Tracking in an Urban Stream. <i>T. Lawrence</i>	Groundwater Chemistry - A Comparative Evaluation of Population Statistics and Hydrochemical Relationships between Quaternary and Tertiary Sand Aquifers in West Tennessee. <i>R. Curtis</i>
10:00 am	Coffee Break in Exhibit Room <i>co-sponsored by Barge Waggoner Sumner & Cannon</i>		
10:30 am	Water Supply and Policy (cont.) Moderator: Tom Allen, Neel-Schaffer, Inc.	Source Water Protection Moderator: Scott Gain, USGS	Ground Water (cont.) Moderator: Jerry Anderson, GWI
	Resolving Water Disputes: Citizen and Decision-Maker Perspectives. <i>A. Routhe</i>	Source Water Protection. <i>L. Lewis</i>	Use of Lumped Parameter Models for Wellhead Protection Delineation. <i>S. Ivey</i>
11:00 am	Huntsville Utility District Raw Water Impoundment. <i>S. Bostic</i>	Analysis of Tennessee Public Water Supply Systems' Susceptibility to Contamination. <i>T. Moss</i>	Estimates of Ground-Water Recharge in West Tennessee. <i>J. Carmichael</i>
11:30 am	Comparison of the EPA Groundwater Classification System and the Tennessee Groundwater Classification System at an RCRA Corrective Action Site. <i>J. Pintenich</i>	Assessing the Vulnerability of the Shallow Aquifer to Contamination in Tipton County, Tennessee. <i>M. Embry</i>	Ground Water Tracing and Water Quality Results for Springs in Rutherford County, Tennessee. <i>A. Ogden</i>
Noon	Lunch		

APRIL 10 (continued)

Time	Session 2A (Room A)	Session 2B (Room B)	Session 2C (Room C)
1:30 pm	Stream Ecology and Water Quality Moderator: Jenny Adkins, NRCS	Runoff Modeling Moderator: Mike Eiffe, TVA	Hydrologic Conditions Moderator: Mike Bradley, USGS
	Long Term Road Construction Impacts on Water Quality and Fish Communities in South Indian Creek. <i>T. Holt</i>	Use of Radar-Rainfall Data for Hydrologic Modeling in Middle Tennessee. <i>E. Habib</i>	Simulating 148 Years of Hydrological Record to Evaluate Ecological Change in a Forested Wetland. <i>B. Wolfe</i>
2:00 pm	Watershed Land Use Affects Primary Production, Community Respiration, and Nutrient Cycling in Streams: Results of a Comparative Study of Streams at Ft. Benning, Georgia. <i>J. Houser</i>	Downscaling Parameters from a Large Watershed to its Subwatersheds: Modeling the Hydrology of Emory River, Crooked Fork, and Daddy's Creek Using the Loading Simulation Program C+++. <i>B. Arthur</i>	Hydrologic Conditions in Tennessee in 2002. <i>P. Hampson</i>
2:30 pm	Short Term Responses of Eastern and Middle Tennessee Warmwater Stream Fish Communities to Culvert and Bridge Construction. <i>S. Cook</i>	Use of UNET and HEC-RAS in St. John and New Madrid Floodway Control Simulation. <i>L. YuLin</i>	Complex Channel Evolution in Drainage Canals of West Tennessee and North Mississippi. <i>T. Diehl</i>
3:00 pm	Coffee Break in Exhibit Room <i>sponsored by the Water Resources Research Center, UTK</i>		
3:30 pm	Industrial Biotechnology Moderator: Susan Jacks, TVA	Runoff Modeling (cont.) Moderator: Sherry Wang, TDEC	Resource Restoration Moderator: Dan Eagar, TDEC
	Application of Compound-Specific Stable Isotope Analysis (CSIA) to Environmental Problems. <i>M. Uhle</i>	Recent Memphis District Progress in Performing Continuous Hydrologic Simulation. <i>R. Hunt</i>	Wolf River Restoration. <i>R. Hite</i>
4:00 pm	Fate and Transport of Coal Tar Contamination in Chattanooga Creek Floodplain. <i>V. Vulava</i>	Impervious Surface Map of Part of the Stones River Watershed, Tennessee. <i>M. Abolins</i>	Drakes Creek Ecosystem Restoration Project, Hendersonville, Tennessee. <i>W. Easterling</i>
4:30 pm	Evaluating Structural BMPs at TDOT Regional Facilities with Reference to the Phase II Storm Water Regulations. <i>R. Bowers</i>	The Effects of DEM Grid Size, Terrain, and Watershed Area on Estimates of Average Watershed Slope. <i>J. Hill</i>	The Alchemy of Stream Restoration: Impaired Stream to a Thing of Beauty--The Nature Conservancy's Big Rock Creek Project, Year 1. <i>L. Colley</i>
5:30 pm	Poster Session in the Mezzanine. Poster presenters will be available for questions at this time. Best student poster award will be presented at dinner.		
6:00 pm	Dinner in Room A with Live Entertainment. The TN Section AWRA Business Meeting will commence at 7:30 p.m.		

APRIL 11 7:30 am Coffee and biscuits in the Exhibit Room *co-sponsored by Barge Waggoner Sumner & Cannon*

Time	Session 3A (Room A)	Session 3B (Room B)	Session 3C (Room C)
8:30 am	Biotechnology R and D Moderator: Larry McKay, UT	Ecological Resources Moderator: Jeff Powell, USGS	Education Moderator: Jack Gordon, TTU (<i>ret.</i>)
	Validation of a Real-time PCR Method for the Quantification of E.coli in Surface Water. <i>A. Layton</i>	Evaluation of Abandoned Commercial Sand and Gravel Dredge Sites on the Lower Tennessee River. <i>D. Hubbs</i>	Gathering the Waters of Tennessee Springs Monitoring Program - Preliminary Model for Groundwater Education. <i>L. Lyle</i>
9:00 am	Source Tracking with Antibiotic Resistance Analysis. <i>W. Hamilton</i>	Working with Private Landowners to Protect Habitat for the Rare Barrens Topminnow (<i>Fundulus julisa</i>). <i>B. Bingham</i>	Promoting the Involvement of Water Resource Professionals in Environmental Education. <i>D. Ball</i>
9:30 am	Comparison of Multiple Antibiotic Resistance and Carbon Utilization Patterns to Determine Sources of Fecal Enterococci in the Duck River. <i>P. Ihrie</i>	Toxicity Reduction by Use of Constructed Wetlands Treatment. <i>J. Orr</i>	Signs and Cards: Educating Construction Site Workers about Pollution Prevention. <i>K. Moskal</i>
10:00 am	Coffee Break in Exhibit Room		
10:30 am	Applied Biotechnology Moderator: Bill Hamilton, VU	Wastewater Management Moderator: John McClurkan, TDA	Education (cont.) Moderator: Leslie Colley, The Nature Conserancy
	Statistical Analysis of Bacteria Data Collected from the Nonconnah Creek and Wolf River Systems, Memphis, TN. <i>D. Hudgins</i>	Rainfall Patterns and the Incidence of <i>Escherichia coli</i> in an East Tennessee Watershed. <i>F. Walker</i>	A Water Resources Almanac for the Memphis District. <i>R. Hunt</i>
11:00 am	The Evaluation of Selected Chemical and Biological Parameters Associated with the Sinking Creek TMDL. <i>D. Dulaney</i>	EPA's CAFO Regulations and Their Potential Impact on Tennessee's Livestock and Poultry Industry. <i>C. Goan</i>	Partnering for Student Stream Monitoring Yields More Than Data. <i>C. Harden</i>
11:30 am	Development of Bacterial Source Tracking Methods for the Duck River Watershed. <i>J. Farmer</i>	Center for Decentralized Wastewater Management. <i>J. Buchanan</i>	Converting Complaints to Implemented Solutions. <i>J. Albee</i>